

Supplementary Material B

Species with εPKC	185	279	412	Species without εPKC	185	279	412
<i>Homo sapiens</i>	T	S	T	<i>Drosophila melanogaster</i>	T	S	K
<i>Pan troglodytes</i>	T	S	S	<i>accharomyces cerevisiae</i>	A	I	S
<i>Pongo abelii</i>	T	S	T	<i>Arabidopsis thaliana</i>	C	E	D
<i>Mus musculus</i>	T	S	T	<i>Hordeum vulgare</i>	C	D	D
<i>Rattus norvegicus</i>	T	S	T	<i>Leishmania infantum</i>	L	E	D
<i>Bos taurus</i>	T	S	S	<i>Achromobacter piechaudii</i>	A	P	S
<i>Sus scrofa</i>	T	S	T	<i>Rhodobacter capsulatus</i>	T	G	G
<i>Ophiophagus Hannah</i>	T	S	T	<i>Dinoroseobacter shibae</i>	F	D	S
<i>Danio Rerio</i>	T	S	S	<i>Halobacterium salinarum</i>	E	E	D
<i>Xenopus Tropicalis</i>	T	S	T	<i>Haloquadratum walsbyi</i>	A	P	D

The table shows the 10 species with εPKC (left panel), the 10 species without εPKC (right panel) and their amino acid residues at the three human ALDH2 phosphorylation sites, T185, S279 and T412.